

California State Journal of Medicine.

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VOL. XI

JUNE, 1913.

No. 6

EDITORIAL NOTES

PERSONAL MENTION.

Out of the legislative mess of the last four months or so, a few personalities protrude with more than usual distinctness. Let us take the pleasing ones first. Dr. George E. Tucker, of Riverside, was the representative of the California Public Welfare League, an organization largely made up of laymen who want good medical laws, and spent practically all of his time at Sacramento during the sessions of the late demented legislature. He worked with untiring energy to prevent destructive legislation; he was helped with the wise counsel of Mr. H. T. Morrow, our attorney in Los Angeles and a gentleman who is much interested in the Public Welfare League from the layman's side. They both did everything humanly possible to stop the trend of destructive legislation, but it was a hopeless, heart-breaking task—and a vicious bill, Senate 813, was passed. This "bifurcated" bill, with its provisions for "physician and surgeon" certificate and for "drugless practitioner" certificate is the result of one man's mad desire to have this "bifurcated" legislature pass an "ideal" medical practice act. This person, Assemblyman H. A. Peairs of Los Angeles, Chairman of the Assembly Committee on Medical and Dental Laws, with the little knowledge gained from a slight association with medical matters, attempted to do the one thing that was neither desired nor required. Against argument and reason and backed only by a smattering of knowledge gained from a little and unfinished study of medicine, some experience in teaching school, a little

practice of law and God only knows what else except an exalted ego, he produced the monstrosity which it is hoped may never become a law of this state. It is understood that this person's egotism led him to attempt radical revisions of other important laws but that his fellow members of the Assembly happily became convinced that he was a "Jack of all trades and master of none" and refused their consent.

LEGISLATIVE ENACTMENTS.

Quite a number of public health bills that did not touch upon the "administrative policy" one way or the other, were passed. Whether they will be signed or not of course remains to be seen. When the thirty-day period is over and things are finally settled, they will be discussed. It may be said, however, that all the bills prepared by the Tuberculosis Commission (they will be found in the report of the commission published in this issue) were passed. Nearly all the bills proposed by the State Board of Health, we understand, were also passed. Later on it will be possible to give some idea of the nature of such of these bills as become laws and what may be expected to result from them.

NEW STATE INSANE ASYLUM.

The legislature, which might well be called the latest experiment in state insane asylums, has adjourned with a record never equaled anywhere at any time. It is conservatively estimated that it will take California at least fifty years to get over the damage done in the last four months. The philanthropic suggestion of Mr. Johnson in his gubernatorial message to the assembled lunatics when they began their banderlog play last January, to the effect that any physician licensed to practice medicine anywhere in the United States ought to be given a license in California without further formality, had its due effect;—some thirty bills amending the medical act or creating new medical laws were introduced; they were nearly all bad; destructive. The prize freak that finally passed, in spite of protests from every school of medicine and from every element of the community, was Senate bill 813. It is a heart-breaking task to discuss it; it will be found printed in full on another page. It is seldom that a supreme court says anything is good; but the Supreme Court of California went out of its way to say that it was a wise provision of the legislature (of 1901) to make the standard of the Association of American Medical Colleges the minimum standard for medical education in this state because it is a flexible standard. This "wise provision" the legislature of 1913 has eliminated! There are some parts of this bill which may seem good to you as you read it; but do not be fooled—it is as full of holes and bugs as an infected sponge. Whether the governor will sign the bill or not, is now the all-important question.

WILL STAND WATCHING.

The following item appeared in the Los Angeles Times of May 9, 1913. As the "school" is one that is not recognized and has no standing, the "graduates" will stand some watching:

"The Pacific Medical College and Post-Graduate School last night awarded diplomas to the class of 1913 at the Sierra Madre Club, as follows: Elizabeth Brewster, S. O. Coolidge, M. Louise Davis, J. Orlin Glenn, L. D. Glass, Parker H. Goodwin, Mae B. Jason, Clifford S. Klein, Alfred W. Lumm, W. E. Lyons, Amy L. Lyons, John T. Rees, Claude D. Rust, Thomas S. Roach, William H. Thomas, Lela Mae Thomas, John C. Taylor and Claude West."

SOME INTERESTING FIGURES.

The report of the Municipal Clinic of San Francisco for the month ending March 31st presents some interesting figures. Careful and complete records of all prostitutes examined have been kept, the laboratory work being in charge of Dr. Phil. Rahtjen. While such examinations have been carried on at times in American cities, the methods employed have not been sufficiently thorough to warrant the deduction of any general conclusions. That the Municipal Clinic is surely reducing venereal disease can be shown by a comparison of the old and new registrations in the following table, the old registrations having been under examination for various lengths of time:

COMPARATIVE LABORATORY REPORT OF INFECTED CASES FROM START OF LABORATORY REPORTS.

Year.	Month.	Old Registrations			New Registrations		
		No. Reporting..	No. Found Dis-eased.	Per cent.	No. Registered.	No. Found Dis-eased.	Per cent.
1912	Mar.	727	31	4.2	62	7	11.2
"	Apr.	797	22	4.0	68	16	23.3
"	May	710	41	5.7	80	13	18.7
"	June	601	23	3.8	49	6	12.2
"	July	691	30	4.3	49	10	20.4
"	Aug.	610	30	4.9	40	8	20.0
"	Sept.	660	5	0.7	50	7	14.0
"	Oct.	626	23	3.6	84	14	16.6
"	Nov.	789	No Laboratory Report.				
"	Dec.	669	26	3.8	68	13	19.6
1913	Jan.	685	30	4.3	70	16	22.8
"	Feb.	665	31	4.8	31	12	38.7
"	Mar.	678	34	5.0	29	4	13.8

ARMY MEDICAL CORPS EXAMINATIONS.

The Surgeon-General of the Army announces that preliminary examinations for appointment of First Lieutenants in the Army Medical Corps will be held on July 14, 1913, at points to be hereafter designated.

Full information concerning these examinations can be procured upon application to the "Surgeon-General, U. S. Army, Washington, D. C." The essential requirements to secure an invitation are that the applicant shall be a citizen of the United States graduate of a medical school legally authorized to confer the degree of Doctor of Medicine, shall be of good moral character and habits, and shall have had at least one year's hospital training as an interne, after graduation. The examinations will be held simultaneously throughout the country at points where boards can be convened. Due consideration will be given to localities from which applications are received, in order to lessen the travelling expenses of applicants as much as possible.

In order to perfect all necessary arrangements for the examination, applications must be completed and in possession of the Adjutant-General

at least three weeks before the date of examination. Early attention is therefore enjoined upon all intending applicants. There are at present forty vacancies in the Medical Corps of the Army.

HEALTH DIRECTOR WANTED.

The Civil Service Board of Oakland is about to hold an examination for Health Director on June 30, 1913. Applications for this examination will be received from April 10, 1913, to May 10, 1913, inclusive. The local residence qualification of one year's residence in Oakland has been waived, and special arrangements will be made for non-resident applicants. Herewith is a schedule of the subjects and weights for this examination:

EDUCATION 30

Candidates must be graduates in Medicine.

- | | |
|---------------------------------------|----|
| 1. College | 4 |
| a. General education. | |
| b. Biological education. | |
| 2. Medical | 18 |
| a. General medical training. | |
| b. Training in Public Health. | |
| 3. Hospital | 8 |
| a. General training. | |
| b. Training in communicable diseases. | |

EXPERIENCE 30

- | | |
|---|----|
| 1. Experience in executive work..... | 10 |
| 2. Practical experience in public health work | 20 |

EXAMINATION 30

- | | |
|--|----|
| 1. Written Examination..... | 10 |
| 2. Thesis | 20 |
| (Original discussion of one of several Oakland health problems to be specified. Paper should not exceed 3000 words.) | |

PERSONAL QUALIFICATIONS..... 10

- | | |
|-------------------------------------|--|
| 1. Personality, special experience. | |
|-------------------------------------|--|

TOTAL 100

The City of Oakland has created the position, under Civil Service rules, known as Health Director. The nominal head of the department is the Health Officer, who holds a purely honorary position, while the Health Director is intended to be the executive and administrative head of the department, giving all his time to the city and receiving a salary of \$3000 to \$3600 a year.

We are anxious to receive applications for this examination, and ask that you do all you can to aid us in this regard.

Thanking you in advance for your kindness, I remain, yours very truly,

FRANK COLBOURN,
Asst. Secretary.

MEMBERS AND GUESTS REGISTERED AT THE FORTY-THIRD ANNUAL MEETING OF THE MEDICAL SOCIETY, STATE OF CALIFORNIA, OAKLAND, APRIL, 1913.

Abbott, U. S.; Abraham, Henry; Adams, Jno. E.; Adams, L. P.; Aiken, Geo. H.; Aikin, I. R.; Alexander, A. A.; Alexander, E. W.; Alderson, H. E.; Allen, M. De L.; Anderson, P. J.; Arnold, C. S.; Arnold, J. D.; Armstrong, J. M.; Atkins, M. H.

Bailhache, A. L. (guest and exhibitor); Baker, W. C.; Ball, C. D.; Bancroft, Eleanor; Barbat, J. H.; Barlow, W. J.; Barney, H. N.; Barry, Ernest; Beattie, Jno. I.; Beckman, O. H.; Bell, H. D.; Bennett, Chas. L.; Benton, J. J.; Bergener, G. J.; Bering, R. E.; Bertola, Mariana; Bine, René; Bishop, T. W.; Boone, W. R.; Bowles, F. H.;

Bradbury, R. M.; Bradfield, G. M.; Brainerd, H. G.; Bramhall, R. N.; Brazelton-Holmes, Clara M.; Brem, W. V.; Brinckerhoff, E. E.; Brinckerhoff, G. E.; Bixby, E. M.; Blake, C. R.; Blake, Wm. F.; Boardman, W. W.; Bonar, R. M.; Brown, Adelaide; Brown, Rexwald; Brown, P. K.; Browning, C. C.; Browning, F. W.; Bull, C. G.; Bullock, N. H.; Bunnell, S.; Bush, Alice; Buteau, S. H.

Caldwell, E. K.; Callnon, Jno. W.; Cameron, H. M. D.; Campbell, F. McLean; Card, E. F.; Carolan, H.; Carpenter, F. B.; Carpenter, F. L.; Cerf, A. E.; Chamberlain, W. H.; Chambers, W. E.; Channell, W. B.; Channell, W. L.; Cheney, Wm. Fitch; Chidester, W. C.; Chipman, E. D.; Christiansen, H. B.; Clark, E. M.; Clark, J. E.; Clark, M. L.; Clark, V. G.; Clark, W. A.; Clarke, Autin; Claypole, Edith J.; Cline, H. X. (guest); Cline, Jno. W.; Clow, G. B. N.; Cluness, W. R.; Cochran, Guy; Cole, Geo. L.; Colliver, Jno. A.; Colwill, N. P. (Chicago guest); Condit, J. C.; Conlin, B. M. J.; Cook, C. W.; Cooper, C. M.; Cosgrave, M. A.; Cottrell, E. L.; Cox, H. M.; Crane, C. C., and wife; Crabtree, Hezediah; Crawford, A. K.; Crispin, E. L. (guest); Crosby, Daniel; Crothers, W. H.; Crowley, D. D.; Culver, Geo. D.; Cunningham, W. E.

Davies, B. C.; Davis, Brett; Davis, Geo. W.; Davison, J. T., and wife (Seattle guest); Dawson, Wm. J. G.; Deane, L. C.; Dempsey, R. B.; De Puy, C. A.; de Obarrio, P.; Dickson, E. C.; Dietz, H. L.; Dennis, Mary E.; Dolan, P. E.; Downing, E.; Dryer, Jno. L.; Dudley, H. W.; Dukes, C. A.; Duquich, L. R.; Dwight, W.

Eaves, Jas.; Ebright, Geo. E.; Edmonds, Frank; Edwards, T. C.; Ellinwood, C. N.; Ellis, H. Bert; Eloesser, Leo; Emerson, Mark L.; Engle, Theo. (Iowa guest); Enos, M. M.; Evans, Geo. H.; Ewer, Geo. N.

Fearn, J. Radford; Fine, H. M.; Fisher, Jas. T.; Fitzgibbon, C. C.; Fleming, E. W.; Flynn, Anna M.; Force, J. N.; Forrest, R. A.; Foster, N. K.; Franklin, J. H.; Fredericks, M. W.; Friedman, W. L.; Fry, P. B.; Fulton, Dudley; Fisher, A. L.; Fraser, W. W.

Galbraith, A.; Gallivan, Thos.; Gardner, J. T.; Gedney, F. M.; Genung, Mabel A.; Geraldson, Lena A.; Gibbons, H. W.; Gillihan, A. F.; Goldman, S. A.; Graham, H. B.; Green, A. S.; Green, Jacob S.; Gregory, A. M.; Gregory, L. C.; Grissim, J. D.; Grosse, A. B.; Gundrum, F. F.; Gallison, F. E.

Hadden, David; Hall, A. P.; Hamilton, J. O.; Hamilton, J. K.; Hamlin, F. A.; Hamlin, O. D.; Hanlon, Edw. W.; Hare, Chas. B.; Hare, Geo. A.; Harris, Eva L.; Hart, H. H.; Hastings, Hill; Hawke, Wm. A. (guest); Herrick, L. F.; Herrington, H.; Hervey, C. H.; Herzog, G. K.; Hieronymus, A.; Hirschler, D. Lee; Hogan, J. J.; Hois Holt, A. W.; Horn, Henry; Houston, E. C.; Howard, Burt F.; Howe, L. P.; Huffaker, A. (Nevada guest); Hulen, Vard H.; Huntington, T. W.; Huntington, W. D.; Hyde, C. E.; Hyde, O. C.; Hyman, Sol; Hunt, R. H.; Hooker, Marion O.; Hart, L.; Henderson, A. M.; Harkercourt, A.; Howard, J. L.; Irwin, W. H.

Jackson, C. M. (Stockton guest); Jackson, F. F.; James, J. W.; Johnson, Wm. J.; Jones, Philip Mills; Jones, W. H.; Jordan, F. R.

Keating, J. J.; Kerr, W. J.; Kelly, A. S.; Kelly, E. E.; Kelsey, A. L.; Kelsey, J. E.; Kenyon, C. G.; Kergan, J. F.; Keys, E. M.; King, Jno. C.; Kingwell, J. J.; Koford, H.; Kress, Geo. H.; Krotoszyner, M.; Kuder, W. S.; Kugeler, H. B. A.; Kuser, I. H.; Kilgore, E. S.; Kleeman, G. C.; Kroft, F. W.; Kyle, John J.

Lackey, H. J.; Lafontaine, E. C.; Larkey, A. S.; Ledyard, C. C.; Lehr, Stella; Leonard, Ethel; Levingood, H. W.; Lewis, C. E.; Lewis, W. M.; Liliencrantz, A.; Lohse, Jno. L.; Long, H. E.; Long, S. F.; Lucas, W. T.; Luchetti, V.; Lund,

Etta; Lundgaard, E. M.; Lux, Fred W.; Lyon, S. B.

Magee, Thos. L.; Maher, J.; Maine, A. F.; Majors, E. A.; Makinson, H. A.; Malone, Wm. M.; Malsbary, Geo. E.; Manson, P.; Martin, H. R.; Marxmiller, H. G.; Masten, B. B.; Mattison, F. C. E.; Maxson, H. S.; Meads, A. M.; Medros, J. J.; Mehrmann, H. B.; Melvin, J. T.; Merrick, Jno. N.; Meyer, Henry; Michaels, L.; Miller, Austin; Miller, Chas. H.; Miller, Robt. W.; Miller, W. P.; Milliken, Wm. P.; Millspaugh, W. P.; Milton, J. L.; Miner, M. L.; Miner, W. D.; Mitchell, C. O.; Mitchell, Elsie R.; Moffitt, H. C.; Molony, M.; Montgomery, Jno.; Moore, E. C.; Moore, H. S.; Morris, R. H.; Morrison, N. D.; Morrow, Howard; Morse, T. W.; Morton, A. W.; Moseley, G. G.; Mudd, J. L.; Mugler, F. R.; Musser, F. R.; McConnell, B.; McClenahan, H. C.; McClurg, Katherine; McNutt, W. F.; McAdory, R. J.; McLeod, Jas. H.; McKibbon, F. W.; McVey, C. L.; McArthur, W. T.; McCarthy, T. M. (Chronicle guest); McCleave, T. C.; McClelland, J. L.; McConnell, A. B.; McCoy, Geo. W.; MacCracken, W. B.; McGovern, C. J.; McIntosh, A. M.; McNaught, H. Y.; McDoherty, S. McL.; McKenzie, Geo.; Mangan, P. J. (Nevada guest); Mays, Arthur H.; Monroe, C. A.; Mace, Lewis Sayre; Montgomery, D. W.

Nagel, C. S. G.; Neff, F. F.; Nelson, J. E.; Newcomb, A. T.; Newton, F. C.; Nielsen, J. C. E.; Nielsen, Soren; Nittler, A. N.; Nelson, C. R.; Newell, Edw.; Newton, Jno. C.; Newton, Frances L.; Nusbaumer, Pauline.

O'Brien, J. T.; O'Connor, J. H.; O'Donnell, P. S.; Oldham, Jno. Y.; Oliver, H. R.; Olmsted, T.; Orlison, T. J.; Osborne, A. E.; Overend, E. J.; Owen, H. W.

Parsegan, J. H.; Paterson, F. H.; Page, C. W.; Pahl, P. C. H.; Parker, Chas. H. (guest); Parrish, H. L.; Paroni, Romilda; Parkinson, Jas. H.; Peck, Jno. W.; Peers, Robt. A.; Pettis, Zilda Turner; Petrie, F. B.; Phillips, P. T.; Piercy, A. T.; Pischel, Kaspar; Pollock, Robt.; Pomeroy, Geo. T.; Pond, C. P.; Pond, H. M.; Pond, J. H.; Pope, Saxton; Porter, Langley; Porter, Wm. S.; Pottenger, F. M.; Powell, Alvin; Powell, B. J.; Power, H. D'Arcy; Powers, A. R.; Pratt, G. H.; Prince, L. D.; Pruitt, Wm. C.; Purnell, W. W.; Purves, Jno.

Regan, C.; Reinhardt, G. F.; Reinle, Geo. G.; Reed, W. R.; Reynolds, G. P.; Richards, C. M.; Richardson, W. W.; Riggin, L. L.; Rigdon, R. L.; Rixford, E.; Robertson, Jno. W.; Robertson, R. L.; Roberts, W. H.; Rood, D. C. (Illinois guest); Rosenthal, Chas. H.; Rosenstirn, J.; Rothganger, Geo.; Rothschild, Max; Rowell, H. N.; Rulison, E. L.; Russ, R.

Sampson, May H.; Sanderson, A. J.; Sandow, B. F. (guest); Sartori, H. J.; Sawyer, E. H.; Sawyer, W. A.; Schmoll, E.; Schmitt, L. S.; Scholl, A. J.; Schutz, M. H.; Schneider, Edwin H.; Scott, Florence; Schwartz, J.; Selfridge, G.; Shannon, Jas.; Shade, M. A.; Shields, Lillian; Shipman, Chas. G.; Shuey, Sarah I.; Sill, E. R.; Simon, E. G.; Simpson, Frank; Simpson, J. A.; Simpson, Wm.; Slavich, Jno. F.; Smith, A. C.; Smith, A. M.; Smith, Dudley; Smith, K. B.; Smith, W. O.; Snook, Jno.; Soiland, Albert; Simmons, G. C.; Simpson, F. W.; Somers, Howard; Spalding, A. B.; Spencer, Jno. C.; Stabel, F.; Stansbury, O.; Stephens, J. M.; Stevens, B. S.; Stevens, Wm. S.; Stephens, W. B.; Stice, T. H.; Stites, Ida M.; Stone, B.; Stover, W. M.; Stratton, Robt. T.; Strietmann, Wm. H.; Sutherland, Hester M.; Sutherland, R. T.; Sylvester, F. M.; Swauger, Luella S.; Sweet, Anna C.; Sweet, Robt. B.

Tait, F.; Dudley; Teass, C. J.; Terry, W. I.; Thomas, H. G.; Thomas, J. B.; Thomason, Geo.; Todd, J. H.; Topping, Frank; Tower, A. M.; Tucker, Geo. E.; Tupper, R. B.

Van Orden, Kate P.; Van Dalsem, S. B.; Van Zwalenburg, C.; Vecki, Victor, and wife; Vicker-

son, J. I.; von Adelung, Edw.; von Werthern, J.; Voorsanger, Wm. C.; Vorwinkel, F. W. Wagner, E. R.; Wagner, H. L.; Wakefield, W. F. B.; Walker, B. F.; Walker, J. R.; Wallace, W. S.; Walton, G. E.; Wanzer, Lucy M. F.; Ward, Edwin D.; Waterman, Helen J.; Watkins, Jas. T.; Weaver, Don D.; Weber, Phil H.; Wells, Geo. S.; Welty, C. F.; Westerfeld, Otto; White, C. M.; Whiteside, G. S. (Portland guest); Wilbur, R. L.; Williams, Clara L.; Willcutt, G. H.; Wills, C. A.; Willits, Emma K.; Wilder, C. H.; Wilson, Carl G.; Winslow, Thos. H.; Winterburg, W. H.; Wintermute, G. P.; Witherbee, O. O.; Wood, Geo. A.; Wood, Jas. B.; Wood, W. A.; Woolsey, F. R.; Wolf, I. J. (guest and exhibit); Worley, H. F.; Wright, T. B.; Wythe, Stephen.

Zieg, John (guest, Parke-Davis representative).

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.

of The California State Journal of Medicine, published monthly at San Francisco, California, required by the Act of August 24, 1912.

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Medical Society of the State of California; no stockholders.

Known bondholders, mortgagees, and other security holders, holding 1 per cent. or more of total amount of bonds, mortgages, or other securities:

None.
Average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date of this statement.

(This information is required from daily newspapers only.)

PHILIP MILLS JONES.

(Signature of editor, publisher, business manager, or owner.)

Sworn to and subscribed before me this 20th day of March, 1913.

(Seal) J. D. BROWN,
Notary Public in and for the City and County of San Francisco, State of California.

(My commission expires April 5, 1914.)
Form 3526.

INFANT MORTALITY.

An English-speaking Conference on the Prevention of Infant Mortality will be held in Caxton Hall, Westminster, London, on Monday morning, Monday afternoon and Tuesday morning, August 4th and 5th. The meetings will be held under the auspices of the (British) National Association for the Prevention of Infant Mortality and the Welfare of Infancy under the Patronage of the King and Queen, and will convene immediately preceding the opening of the International Medical Congress.

A tentative program has been issued by the committee which indicates that the papers will consist largely of medical opinion. The subjects treated will be:

The responsibility of central and local authorities in infant and child hygiene.

The administrative control of the milk supply.
The necessity for special education in infant hygiene.

Medical problems in infant nutrition.
Ante-natal hygiene.

The president of the conference will be the Hon. John Burns, M. P., president for the Local Government Board. The chairman of the English Executive Committee is Sir Thomas Barlow, and the secretary, Miss J. Halford, 4 Tavistock Square, London, W. C.

The American committee, in charge of the part to be taken by the United States and Canada, will furnish information to those desiring to attend the conference.

Dr. Henry L. Coit, chairman, 277 Mt. Prospect avenue, Newark, N. J.

Dr. Philip Van Ingen, secretary, 125 East 71st street, New York City.

NEW AND NONOFFICIAL REMEDIES.

Since publication of New and Nonofficial Remedies, 1913, and in addition to those previously reported, the following articles have been accepted by the Council on Pharmacy and Chemistry of the American Medical Association for inclusion with "New and Nonofficial Remedies":

Polyvalent Acne Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Antimeningitis Serum.—A polyvalent serum prepared from the blood of horses immunized to the meningococcus of Weichselbaum. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent B. Coli-Communis Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Refined and Concentrated Diphtheria Antitoxin (Antidiphtheric Globulin).—Put up in a syringe container. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Gonococcus Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Meningococcus Vaccine.—Marketed in packages of three ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Pneumococcus Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Pyocyanus Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Staphylococcus Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Staphylo-Acne Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Streptococcus Vaccine.—Marketed in packages of six ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Polyvalent Typhoid Vaccine.—Marketed in packages of three ampoules. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Antirabic Vaccine.—The Antirabic Vaccine, formerly manufactured by the American Biologic Company, Kansas City, Mo. (See New and Nonofficial Remedies, 1913), is now manufactured by

the Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 5, 1913, p. 1074).

Antigonococcic Serum.—A highly immune polyvalent serum, prepared by immunizing horses against many strains of gonococci. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 19, 1913, p. 1227).

Antistreptococcus Serum.—A polyvalent serum obtained by immunizing horses with increasing doses of streptococci extract and subsequently with live cultures. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 19, 1913, p. 1227).

Normal Horse Serum.—The serum of normal horse blood obtained in a sterile manner and passed through a Berkefeld filter. Sophian-Hall-Alexander Biologic Laboratories, Kansas City, Mo. (Jour. A. M. A., April 19, 1913, p. 1227).

BOARD OF MEDICAL EXAMINERS, CALIFORNIA, APRIL, 1913, SESSION.

Passed.

Coll. of Phys. & Surgs., S. F., Calif.; 5, —, 1909,

87.1.

Cooper Med. Coll., Calif.; (5, —, 1912), 89.9, 81.6*,

75.

Hahnemann Med. Coll. of the Pac., Calif.; 4, 26, 1912, 75.6*.

Univ. of Calif., Med. Dept., Calif.; (12, 20, 1902), 88.6 plus 5, 93.6; (5, —, 1907), 84; (5, 14, 1907), 80.2*.

Am. Med. Miss. Coll., Ill.; 6, —, 1905. Jefferson Med. Coll., Pa.; 6, —, 1907, 95.1.

Baltimore Univ. Sch. of Med., Md.; —, —, 1899, 75.5 plus 5, 80.5**.

Bellevue Hosp. Med. Coll., N. Y.; 3, 22, 1897, 85.9 plus 5, 90.9.

Bennett Eclectic Coll. Med. & Surg., Ill.; 5, 8, 1900, 80.1 plus 5, 85.1*.

Central Med. Coll., Mo.; 3, 1, 1898, 77.5 plus 5, 82.5*.

Central Univ., Med. Dept. (Hosp. Coll. of Med.), Ky.; 6, 27, 1901, 80.8 plus 5, 85.8.

Chicago Coll. of Med. & Surg., Ill.; 5, 20, 1912, 84.

Cleveland Homeo. Med. Coll., Ohio; 5, 4, 1904, 78.9. Coll. Phys. & Surgs., Ill.; (4, 21, 1896), 77.8 plus 5, 82.8*; (6, 5, 1906), 77.5*.

Columbia Univ., N. Y. City; 6, —, 1910, 90.5.

Cornell Univ., Med. Coll., N. Y.; (6, 14, 1911), 83.5; (6, 12, 1907), 81.1.

Creighton Univ. Coll. of Med., Nebr.; 5, —, 1911, 77.

Denver & Gross Coll. of Med., Colo.; 5, 26, 1910, 88.5.

Denver Med. Sch. (Denver Univ.), Colo.; 4, 3, 1888, 75.6 plus 10, 85.6.

Detroit Coll. of Med., Mich.; 5, 4, 1893, 84.8 plus 10, 94.8.

Gross Med. Coll., Colo.; 4, 6, 1893, 81.1 plus 10, 91.1.

Hahnemann Med. Coll. & Hosp., Ill.; 4, 17, 1902, 76.2 plus 5, 81.2.

Jefferson Med. Coll., Pa., (6, 8, 1908), 89.6; (4, 4, 1888), 76.7 plus 10, 86.7.

Johns Hopkins Univ., Md.; (6, 8, 1909), 93.7; (6, 14, 1910), 93.3.

Lincoln Med. Coll., Med. Dept. Cotner Univ., Nebr.; 8, 1, 1906, 77.2**.

Long Island Coll. Hosp., N. Y.; 6, 1, 1911, 82.3.

Northwestern Univ. Med. Sch., Ill.; (6, 15, 1905), 88.3; (6, 17, 1897), 83.1 plus 5, 88.1; (6, 14, 1911), 86.8; (6, 4, 1908), 85.7; (6, 11, 1894), 79.7 plus 5, 84.7.

Northwestern Univ. Med. Sch., Ill.; (6, 14, 1911), 84.4; (6, 15, 1899), 76.4 plus 5, 81.4; (6, 14, 1911), 79.

Rush Med. Coll., Ill.; (3, 28, 1893), 81.8 plus 10, 91.8; (10, 2, 1902), 86 plus 5, 91; (6, 14, 1911), 88.1; (8, 28, 1912), 86.9; (5, 25, 1899), 81.9 plus 5, 86.9*.

State Univ. of Colo. Sch. of Med., Colo.; 6, —, 1910, 83.8.

State Univ. of Iowa, Coll. of Med., Iowa; 6, 16, 1908, 86.4.

Syracuse Univ. Med. Coll., N. Y.; 6, 12, 1912, 84.5.

Univ. of Colorado; 6, —, 1909, 89.8.

Univ. of Edinburgh, Scotland, N. B.; 7, 27, 1906, 85.3.

Univ. of Ill., Med. Dept., Ill.; (6, 4, 1907), 90.3; (4, 18, 1900), 79.8 plus 5, 84.8; (5, 20, 1902), 75.8 plus 5, 80.8; (6, 4, 1912), 75.

Univ. of Md.; 6, 1, 1909, 81.6*.

Univ. Med. Coll., Mo.; 3, 28, 1899, 75.4 plus 5, 80.4.

Univ. of Michigan; 6, 7, 1912, 88.4.

Univ. of Minnesota; (6, 8, 1911), 89.9; (6, 6, 1901), 77 plus 5, 82; (6, —, 1895), 76.6 plus 5, 81.6.

Univ. of Montpellier, France; 11, 16, 1910, 78.3.

Univ. of Penn., Med. Dept., Pa.; 6, 15, 1904, 77.

Willamette Univ., Med. Coll., Oregon; 3, 28, 1904, 81.6*.

Failed.

Coll. Phys. & Surgs., S. F. Calif.; (6, 6, 1912), 70.6*; (6, 8, 1911), 67.3**; (6, 8, 1911), 15.1.

Hahnemann Med. Coll. of the Pac.; 4, 25, 1912, 72.5.

Barnes Univ., Med. Dept., Mo.; 5, 9, 1908, 67.6.

Bowdoin Med. Coll., Maine; 7, 8, 1896, 56.3 plus 5, 61.3.

Denver Homeo. Coll., Colorado; 4, 21, 1904, Denver &

Gross Coll. Med., Colorado; 5, 18, 1906, 73.1.

Eclectic Med. Coll., Cincinnati, Ohio; 4, 14, 1903, 64.5 plus 5, 69.5.

Hosp. Coll. of Medicine, Ky.; 6, 18, 1896, 69.3 plus 5, 74.3.

Laura Memorial Woman's Med. Coll., Ohio; 5, 7, 1903, 55.9 plus 5, 60.9**.

Med. Coll. of Indiana (Univ. Ind.), 4, 22, 1904, 62.6.

Missouri Med. Coll., "Washington Univ." Mo.; 3, 2, 1886, 60.1 plus 10, 70.1.

Omaha Med. Coll., Nebr.; 4, 4, 1895, 69.3 plus 5, 74.3.*

Tennessee Med. Coll., Tenn.; 5, 20, 1908, 63.8.*

Univ. of Ill., Coll. Med. & Surg., Ill.; 6, 4, 1912, 70.2.*

Univ. of Maryland; 3, —, 1883, 64.5 plus 15, 79.5.

Univ. of Nashville, Med. Dept., Tenn.; 3, 27, 1902, 74.2 plus 5, 79.2.

Univ. of Pittsburgh, Pa.; 6, 14, 1911, 70.9.

Osteopathy—Passed.

L. A. Coll. of Osteopathy, Calif.; 1, 30, 1913, 88.1, 85.4, 83.6, 82.8, 81.8, 80.8, 75.4.

Pac. Coll. of Osteopathy, Calif.; 1, 30, 1913, 91.6, 86.3.

S. S. Still Coll. of Osteopathy, Iowa, (1, 29, 1903), 79.6 plus 5, 84.6*; (6, 23, 1904), 80.5; (1, 31, 1907), 75.

Osteopathy—Failed.

Am. Sch. of Osteopathy, Mo.; 6, 14, 1906. L. A. Coll. Osteopathy, Calif.; 6, 6, 1912, 74.1.

Am. Sch. of Osteopathy, Mo.; (6, 25, 1903), 62.9 plus 5, 67.9; (1, 23, 1913), 64.

L. A. Coll. of Osteopathy, Calif.; (1, 30, 1913), 72.5; (6, 6, 1912), 70.8*; (1, 30, 1913), 66.5; (1, 27, 1910), 66.2****; (1, 26, 1912), 63.9**; (6, 6, 1912), 22.8 (in three subjects only).

Pac. Coll. Osteopathy, Calif.; (6, 20, 1912), 71.4*, 69.7, 57.1.

* Taken before.

New Licentiates—Medical Doctors.

Anderson, Harry J.; Anderson, A. C.; Anerbach, Louise; Aoyagi, K.; Babcock, R. A.; Brandel, H. McP.; Brown, G. W.; Burns, F. W.; Cashatt, R. D.; Clemons, E. J.; Collier, E. MacV.; Davidoff, O. M.; Davison, J. T.; Dowling, S. W.; Essenson, O. S.; Edwards, H. W.; Edgar, N.; Felt, F. R.; Friesen, J. F.; Fulton, P. R.; Harcourt, A.; Hastings, J. W.; Hebert, J. P.; Hildreth, H. L.; Jenkins, L. W.; Keith, K. E.; Kerns, H. N.; Koch, N.; Lees, R. B.; Lewis, E. G.; Long, T. S.; Lougridge, J.; Lovejoy, E. D.; MacCloskey, R. C.; Mann, H. H.; Mason, J. S.; Mitchell, L. S.; Moore, T. V., Jr.; Morse, D. H.; Nelson, H. E.; Nelson, I. M. S. H.; Oricechia, A. P.; Ostrom, E. E.; Peattie, J. F.; Powell, R. C. T.; Probasco, H. G.; Putman, F. L.; Reid, E. C.; Reiss, O.; Ringolsky, S.; Ryan, L. R.; Ryder, B. E.; Saphro, V. O.; Schurmeier, H. L.; Schutz, M. H.; Simpson, W. I.; Smiley, A. C.; Smith, W. H.; Snyder, J. R.; Stagner, C. E.; Telfer, G. J.; Thomson, H. S.; Walters, P. R.; Warren, E. L.

McDonald, P. E.; Taylor, R. L.—Honorably discharged U. S. Surgeons.

New Licentiates—Osteopaths.

Archer, E. F.; Bradbury, C. C.; Breisch, A. M.; Burnett, J. O.; Chandler, L. C.; Freestone, J. W.; Hull, L. L.; Humiston, S. G.; McLeod, M. M.; Milliken, C.; Treat, C. L.; Yoder, E. M.

NEW MEMBERS.

Powell, Dewey R., Stockton.

Walker, G. W., Stockton.

Dozier, Linwood, Stockton.

Smith, Earnest H., Corona, Cal.

Anderton, H. S., San Francisco.

Hoag, C. L., San Francisco.

Lorentz, Robert, Jr., San Francisco.

McDonald, T. E., San Francisco.

Dill, W. W., Redlands.

La Motte, L. A. J., Colton.

McHugh, Thos. Richard, Rialto, Cal.

Kenney, Wm., San Francisco.

Prince, L. D., San Francisco.

Victors, E. A., San Francisco.

Ghidella, E. J., San Francisco.

Barnard, H. D., Sacramento.

Hanlon, Edw. R., Los Angeles.

DEATHS.

Carter, Marion D., Los Angeles.

Thorne, W. S., San Francisco.

Corey, George W., Sawtelle, Cal.

Unger, Charles W., Los Angeles.

Kimball, Margaret V. (in address unknown), died in Healdsburg, Cal.

Coley, Henry Clay, Chico, Cal.

Fearn, John, Oakland, Cal.

Powers, George H., San Francisco, died in Detroit, Mich.

Davis, Wm. Oliver, died in San Francisco.

Proctor, I. M., Petaluma, Cal.